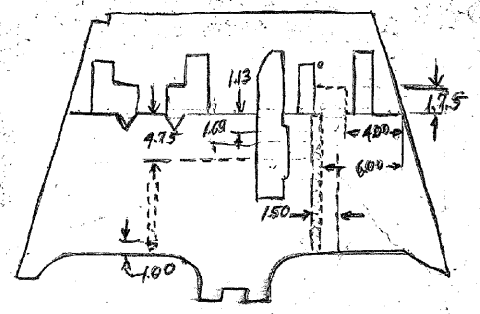
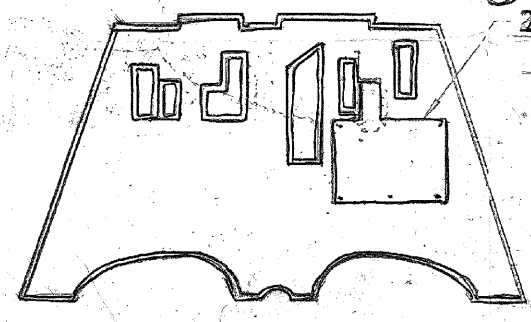




(B3) 285078 COVER 1 REQ.

DIRECTIONS FOR INSTALLATION

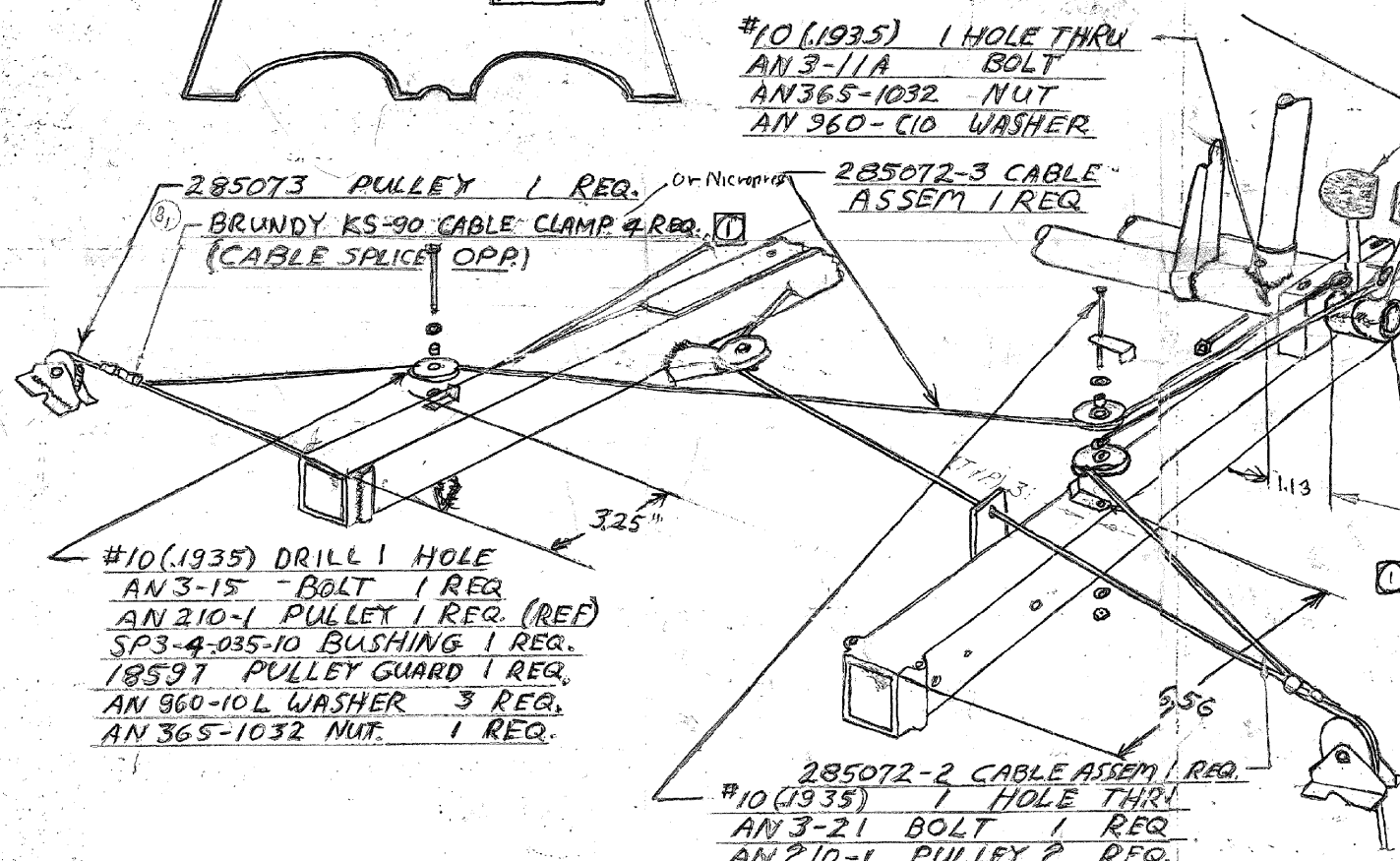
1. REMOVE CARPET AND FLOORBOARDS.
2. REMOVE FLOOR SUPPORT BLOCKS.
3. DRILL HOLES FOR PULLEY BOLT AND INSERT PULLEY ASSEMBLIES.
4. RELEASE BRAKE AND MARK REFERENCE POSITION OF BRAKE ARM ON WHEEL.
5. DISCONNECT LEFT BRAKE CABLE AND TIE 3 FEET OF STRING OR SAFETY WIRE TO END, SO CABLE CAN BE THREADED BACK THRU LANDING GEAR FAIRING.
6. REMOVE AN210-1 PULLEY FROM BRACKET.
7. PULL CABLE THRU L. G. FAIRING INTO COCKPIT AND THREAD CABLE THRU BRUNDY KS-90 CLAMP (or equivalent)
8. REPLACE AN210-1 PULLEY WITH METAL PULLEY (285073).
9. LUBRICATE THE BEARING SURFACES OF THE BRAKE PEDAL ASSEMBLIES BEFORE INSTALLING ON EXTENSION.
10. DIP PLUG SECTION OF 285071 EXTENSION IN WET PRIMER AND INSTALL IN RUDDER PEDAL TORQUE TUBE AS SHOWN.
11. PULL CABLE BACK THRU L.G. FAIRING AND ATTACH TO BRAKE ARM WHILE IT IS POSITIONED AS PREVIOUSLY MARKED.
12. PREPARE RIGHT BRAKE PEDAL CABLE SAME AS DESCRIBED FOR LEFT WITH THE EXCEPTION OF NOT REMOVING AN210-1 PULLEY.
13. PUSH LEFT BRAKE FULL ON AND SET PARKING BRAKE.
14. PLACE RIGHT SIDE BRAKES IN FULL "ON" POSITION BY BLOCKING UP PEDALS AND THREAD CABLE THRU PULLEYS AND BRUNDY KS-90 CLAMP (or equivalent)
15. ADJUST RIGHT BRAKE CABLES TO FULL "ON" TENSION AND CLAMP BRUNDY KS-90 CLAMPS ON CABLE.

LUSCOMBE ASSOCIATION

#10 (.1935) 1 HOLE THRU
AN3-11A BOLT
AN365-1032 NUT
AN960-C10 WASHER

285073 PULLEY 1 REQ. (Or Nicropress)
(B1) BRUNDY KS-90 CABLE CLAMP 4 REQ. (1)
(CABLE SPLICE OPP.)

285072-3 CABLE ASSEM 1 REQ



#10 (.1935) DRILL 1 HOLE
AN3-15 BOLT 1 REQ
AN210-1 PULLEY 1 REQ. (REF)
SP3-4-035-10 BUSHING 1 REQ.
18597 PULLEY GUARD 1 REQ.
AN960-10L WASHER 3 REQ.
AN365-1032 NUT 1 REQ.

285072-2 CABLE ASSEM 1 REQ.
#10 (.1935) 1 HOLE THRU
AN3-21 BOLT 1 REQ
AN210-1 PULLEY 2 REQ.
(A4) SP3-4-030-10 BUSHING 2 REQ (AN211-1 REF)
18587 PULLEYGUARD 2 REQ.
AN960-10L WASHER 4 REQ.
AN365-1032 NUT 1 REQ

(1) TORQUE BRUNDY KS-90 3½ FT LBS (MIN.)

28514-15 BRAKE ASSEM 1 REQ.

285070 BRAKE ASSEM 1 REQ.
AN393-11 CLEVIS PIN 2 REQ.
(A1) AN380-2-2 COTTER PIN 2 REQ.

DIRECTIONS (CONT.)

16. CUT AND POSITION FLOOR SUPPORT BLOCKS AS SHOWN
17. CUT AND POSITION FLOOR BOARDS AS SHOWN
18. CUT CARPET AS SHOWN
19. CUT FLOOR BOARD SUPPORTS TO CLEAR CABLES AND INSTALL ON TUBES.
20. CLEAN OUT AREA AND REINSTALL FLOOR BOARDS AND R.H. BRAKE COVER WITH #6 x ¾ PK SCREWS-8 REQ.

(B2) 1" OD.

285071 EXTENSION 1 REQ.
(A) AN393-11 CLEVIS PIN 2 REQ.
(B3) (B2) AN380-2 COTTER PIN 2 REQ.

(1) (B1)

PART NO.	NO REQ	DESCRIPTION	
285078	1	COVER	
#6x¾ PK	8	SCREWS (TYP A) BINDING HEAD	
AN380-2-2	2	COTTER PIN	
AN393-11	2	CLEVIS PIN	
KS-90	4	BRUNDY CLAMP OR EQUIV.	Nicropress OK
AN3-15	1	BOLT	AN210-1 pulley (3)
AN960-10L	7	WASHER	
AN365-1032	3	NUT	
SP3-4-030-10	3	BUSHING	
AN210-1	2	PULLEY	
AN3-21	1	BOLT	
AN960-C10	1	WASHER	
AN3-11A	1	BOLT	
485069	1	DRAWING	
285073	1	PULLEY	
285072-3	1	CABLE ASSEM.	
285072-2	1	CABLE ASSEM.	
285071	1	EXTENSION	
285070	1	BRAKE ASSEM.	
18597	3	PULLEY GUARD	
28514-15	1	BRAKE ASSEM.	
485069	1	INSTALL. DWG.	

DRAWN	M		1-21-47
TRACED			1-22-47
STRESS			
HEAT TREAT			2-5-47

4	INSTALL-BRAKE PEDAL R.H. MOUNT	485069